



# Statewide Training Officer Meeting

October 13, 2010

# Agenda

- National Cyber Security Awareness Month
- Top online threats and risk?
- Why should we care?
- What you can do to help...
  - Mitigate risk associated with the threats
  - Raise the awareness of others
- Available resources

# National Cyber Security Awareness Month



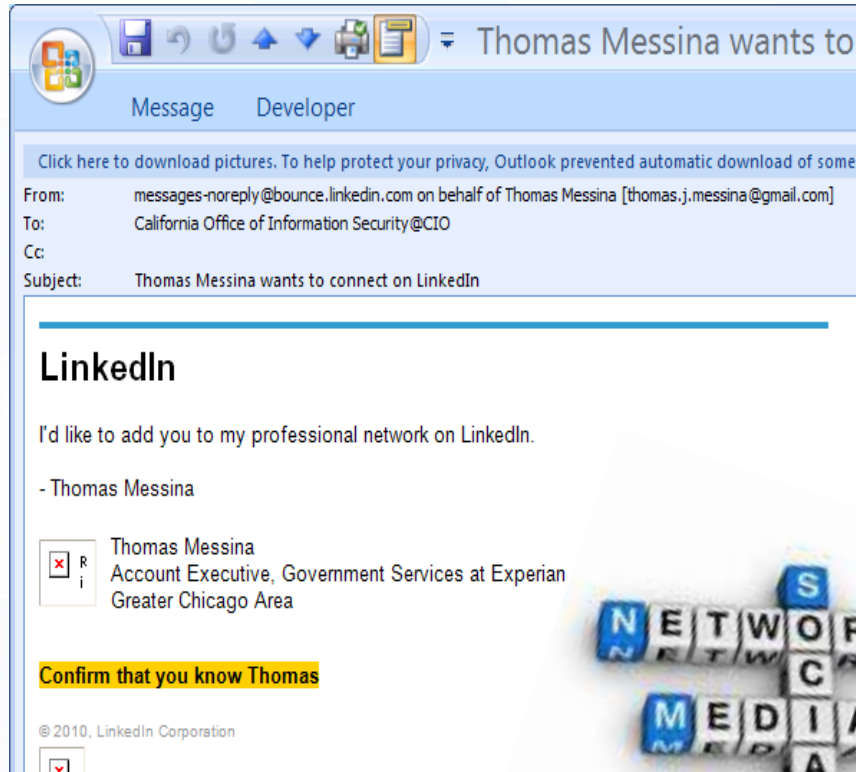
- Cyber space is a shared resource
- Cyber security is our shared responsibility
- Three key pillars:
  - Cyber security
  - Cyber safety
  - Cyber ethics

# Top Information Security Threats



- Social Engineering, Phishing, and Social Media
- Malware, Scareware and out-of-date software
- Unprotected mobile devices
- Unprotected wireless access points
- The careless, untrained or unaware

# Social Engineering, Phishing and Social Media



- Old trick - psychological manipulation
- Many new methods and means to exploit the vulnerable



# Malware, Scareware and Out-of-date Software



- Rely on vulnerable technology
- Thrive on out-of-date and unpatched systems

# Unprotected Mobile Devices



- Smartphones
- USB, Flash, and Jump Drives
- Laptops, Notebooks, iPads
- Other mobility devices



# Unprotected Wireless Access Point

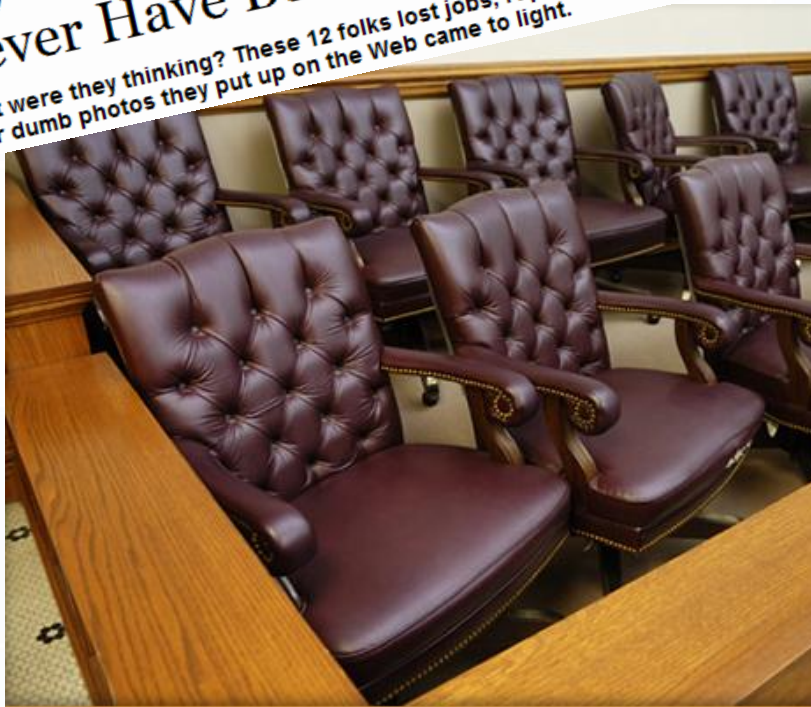


- Every move you make...can be viewed and captured
- Fake and imposter Wi-fi available gratis



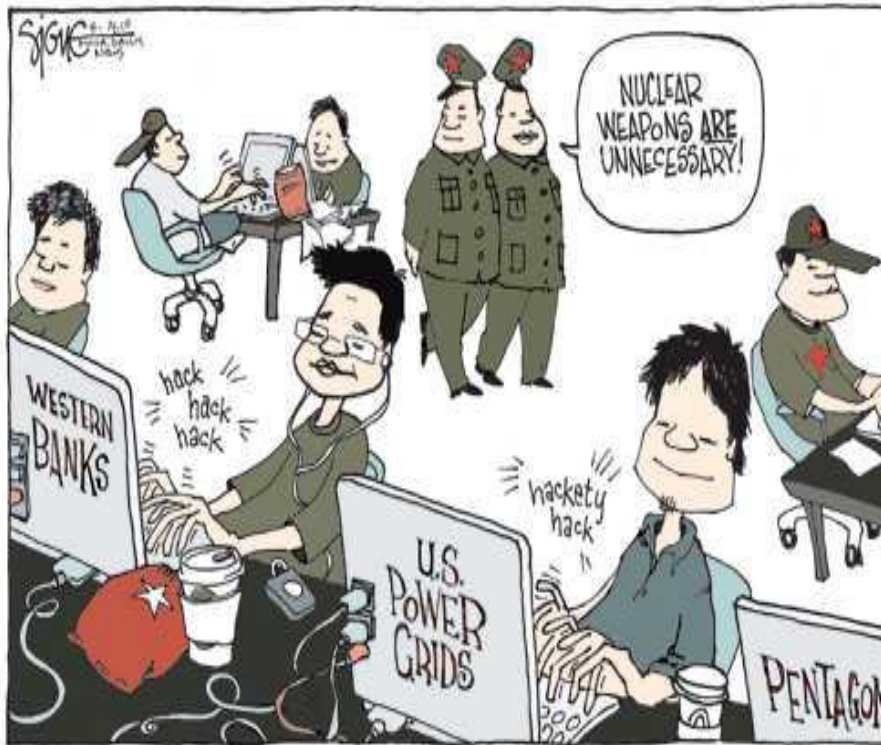
# The Careless, Untrained or Unaware

**Say Cheese: 12 Photos That Should  
Never Have Been Posted Online**  
What were they thinking? These 12 folks lost jobs, reputations, or their freedom  
after dumb photos they put up on the Web came to light.



- Every post online  
...is viewed and  
will be judged...by  
the world
- Misdirected email
- Online journals
- Blog entries

# Why should we care?



- Consequences of unprotected systems is becoming more severe
- Cyberspace is now a recognized military domain

# What can you do to help?

*Mitigate risk associated with the threats...*

- Keep your computer devices patched
- Follow your departmental policies, standards and procedures
- Assess your current computing skills and behavior – modify or adjust accordingly
- Adopt a “trust but verify” computing philosophy

# What can you do to help?

*Raise the awareness of others...*

- Leverage your expertise and ability to effectively implement training programs and train others
- Reach out to CIOs and ISOs – partner to ensure all employees are continuously trained and awareness is maintained
- Reach out to other communities for which you belong

# Resources

- National Cyber Security Awareness Month –  
<http://www.staysafeonline.org/ncsam>
- Office of Information Security –  
<http://www.cio.ca.gov/OIS/Government/library/awareness.asp>
- Office of Privacy Protection -  
<http://www.privacy.ca.gov/>
- Department of Homeland Security US-CERT  
<http://www.us-cert.gov/>

# OIS Contact Information



**California**

**Office of Information Security**

**1325 J Street, Suite 1650**

**Sacramento, CA 95814**

**(916) 445-5239**